

**PATENT**  
A0B04-US-DIV1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Robert A. Clark

Serial No.: 10/815,142

Filed: 3/31/04

For: **SUBSTRATE BENDING STIFFNESS  
MEASUREMENT METHOD AND  
SYSTEM**

**REQUEST FOR CORRECTED  
FILING RECEIPT**

Office of Initial Patent Examination's  
Filing Receipt Corrections  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Fax - 703-746-9195

**REQUEST FOR CORRECTED FILING RECEIPT**

1. Attached is a copy of the official filing receipt received from the PTO in the above application for which issuance of a corrected filing receipt is respectfully requested.
2. There is an error with respect to the following data, which is:
 

incorrectly entered      and/or       omitted

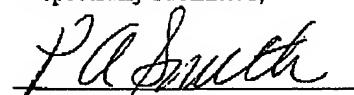
Error In	Correct Data
1. <input type="checkbox"/> Applicant(s) Name	1.
2. <input type="checkbox"/> Applicant(s) Address	2.
3. <input type="checkbox"/> Attorney Docket No.	3.
4. <input type="checkbox"/> Title	4.
5. <input type="checkbox"/> Filing Date	5.
6. <input type="checkbox"/> Serial Number	6.
7. <input type="checkbox"/> Foreign/PCT Appln. Reference	7.
8. <input type="checkbox"/> Small Entity vs. Large Entity	8.
9. <input checked="" type="checkbox"/> Other Domestic Priority Data	9. , which claims priority from 10/041,047 1/7/02, now US Pat. 6,581,456 6/24/03

3. As the Patent and Trademark Office made the error(s), we believe no fee is due. Should any fees be required, please charge Deposit Account No. 24-0025.

Xerox Corporation  
Office of General Counsel  
Xerox Square - 20A  
100 Clinton Avenue  
Rochester, NY 14644

Telephone No. 585-231-2996  
Date: 7/2/2004

Respectfully submitted,

  
Patricia A. Smith  
Domestic Docket Coordinator

Express Mail No. EV 408046450 US

Attorney Docket *AB04-US-PIV1*

**SUBSTRATE BENDING STIFFNESS MEASUREMENT  
METHOD AND SYSTEM**

[0001] This is a divisional of U.S. Appln. No. 10/440,696 filed May 19, 2003, which claims priority from U.S. Appln No. 10/041,047, filed January 7, 2002, now U.S. Patent No. 6,581,456, issued June 24, 2003 by the same inventors and same title, and claims priority therefrom. This divisional application is being filed in response to a restriction requirement in that prior application.

[0002] Especially with the advent of high speed xerographic reproduction machines wherein copiers or printers can produce at a rate in excess of one hundred and twenty pages per minute (PPM), there is a need for sheet handling systems to feed paper or other substrate through each process station in a rapid succession in a reliable and dependable manner in order to utilize the full capabilities of the reproduction machine. These sheet handling systems must operate flawlessly to virtually eliminate the risk of damaging the substrate and to minimize machine shutdowns due to misfeeds or multifeeds. It is in the initial separation of the individual sheets from the substrate stack where the greatest number of problems occur.

[0003] One of the sheet feeders best known for high speed operation is the top vacuum corrugation feeder with front air knife. In this system, a vacuum plenum with a plurality of friction belts arranged to run over the vacuum plenum is placed at the top of a stack of sheets in a supply tray. Several fluffers are located around the perimeter of the stack for injecting air into the top of the stack. When vacuum is supplied to the vacuum plenum, the resulting vacuum field draws one or more sheets against the friction belts. At the front of the stack, an air knife is used to inject air into the acquired sheets to separate the top sheet from the remainder of the sheets which then are pushed down onto the stack. In operation, the vacuum pulls one or more sheets up and acquires them, and then air is injected by the air knife toward the acquired sheets to separate the top sheet. Following separation, the belt transport drives



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APPL NO.	FILING OR 371 (C) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/815,142	03/31/2004	3653	770	A0B04-US-Div1	5	4	1

25453  
PATENT DOCUMENTATION CENTER  
XEROX CORPORATION  
100 CLINTON AVE., SOUTH, XEROX SQUARE, 20TH FLOOR  
ROCHESTER, NY 14644

CONFIRMATION NO. 9188  
FILING RECEIPT  
  
\*DC000000012928553\*

Date Mailed: 06/14/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Robert A. Clark, Webster, NY;

**Assignment For Published Patent Application**

Xerox Corporation;

**RECEIVED**

JUN 16 2004

**Domestic Priority data as claimed by applicant**

This application is a DIV of 10/440,696 05/19/2003  
which claims priority from 10/041,047 1-7-02, now

**PATENT DEPARTMENT**

115 Pat. 6,581,456 6-24-

**Foreign Applications**

If Required, Foreign Filing License Granted: 06/10/2004

Projected Publication Date: 11/25/2004

Non-Publication Request: No

Early Publication Request: No

**Title**

Substrate bending stiffness measurement method and system